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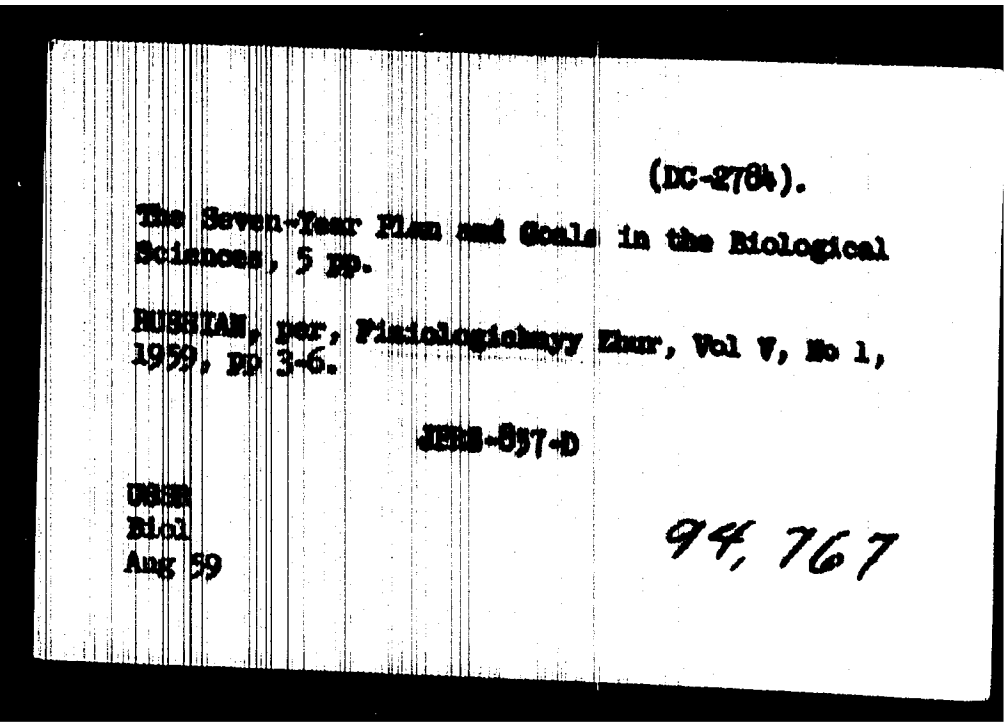

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JPRS-857-D

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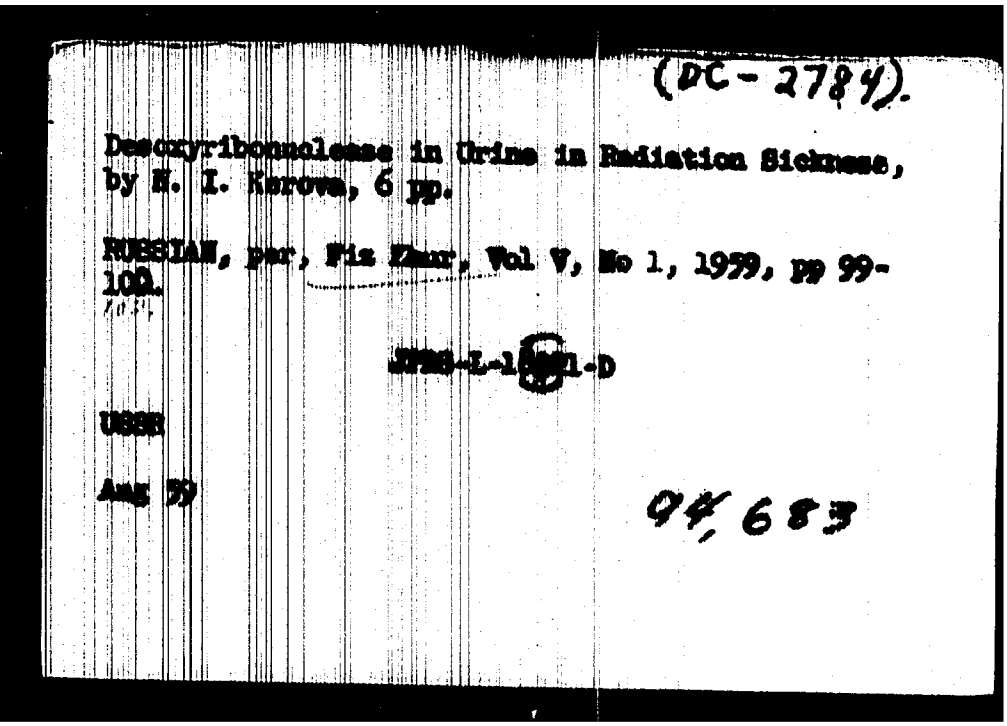

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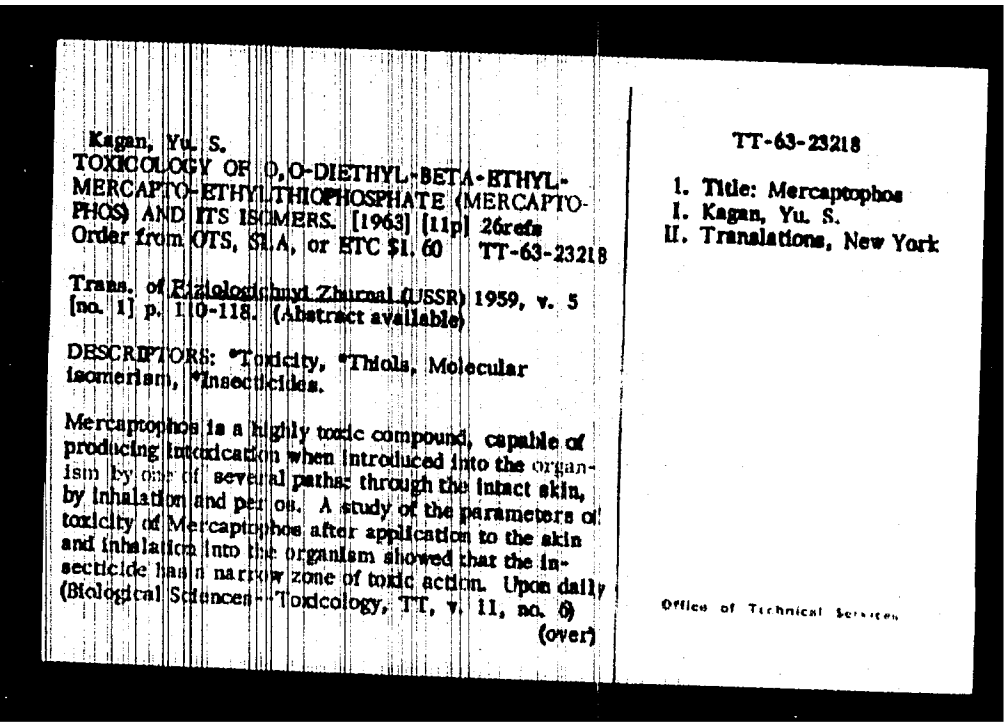

Kagan, Yu. S.
TOXICOLOGY OF O,O-DIETHYL-BETA-ETHYL-MERCAPTO-ETHYLTHIOPHOSPHATE (MERCAPTOPHOS) AND ITS ISOMERS. [1963] [11p] 26refs
Order from OTS, S.A, or ETC $1.60 TT-63-23218

Trans. of Fiziologicheskiy Zhurnal (USSR) 1959, v. 5 [no. 1] p. 110-118. (Abstract available)

DESCRIPTORS: *Toxicity, *Thiols, Molecular isomerism, *Insecticides.

Mercaptophos is a highly toxic compound, capable of producing intoxication when introduced into the organism by one of several paths: through the intact skin, by inhalation and per os. A study of the parameters of toxicity of Mercaptophos after application to the skin and inhalation into the organism showed that the insecticide has a narrow zone of toxic action. Upon daily
(Biological Sciences--Toxicology, TT, v. 11, no. 6)
(over)

TT-63-23218

I. Title: Mercaptophos
I. Kagan, Yu. S.
II. Translations, New York

Office of Technical Services

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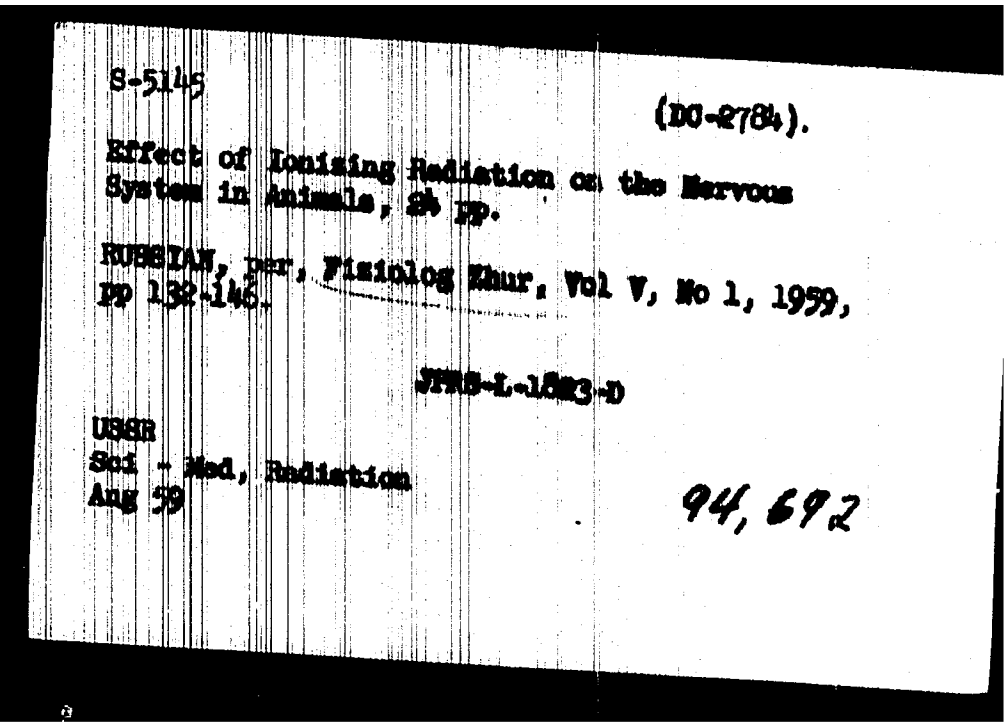

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JPRS-L-1883-D

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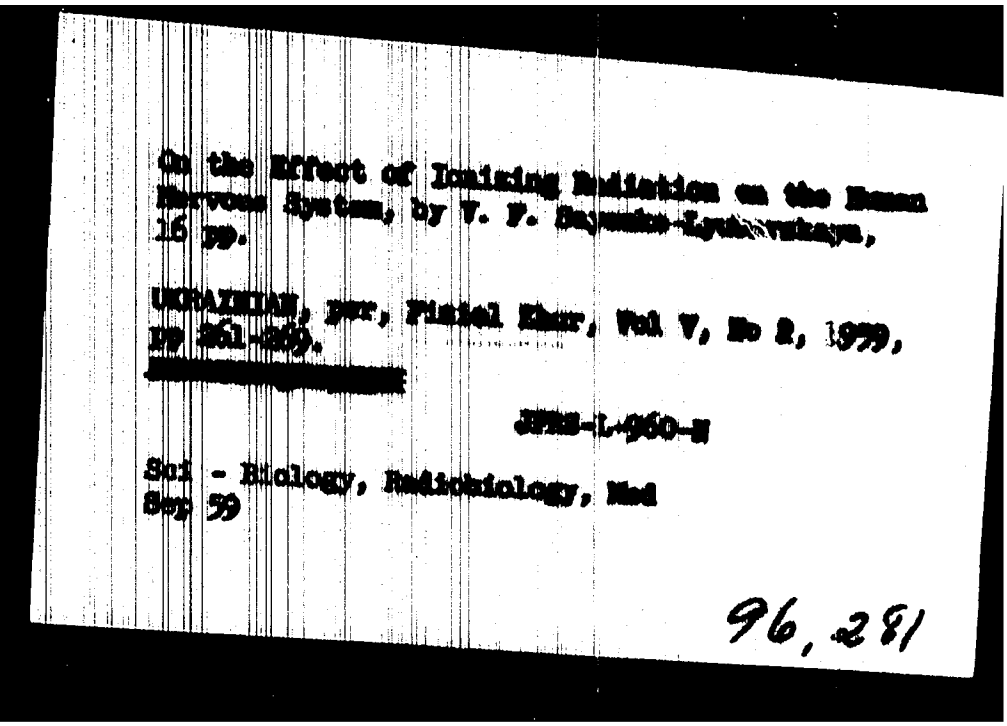

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JPRS-L-960-N

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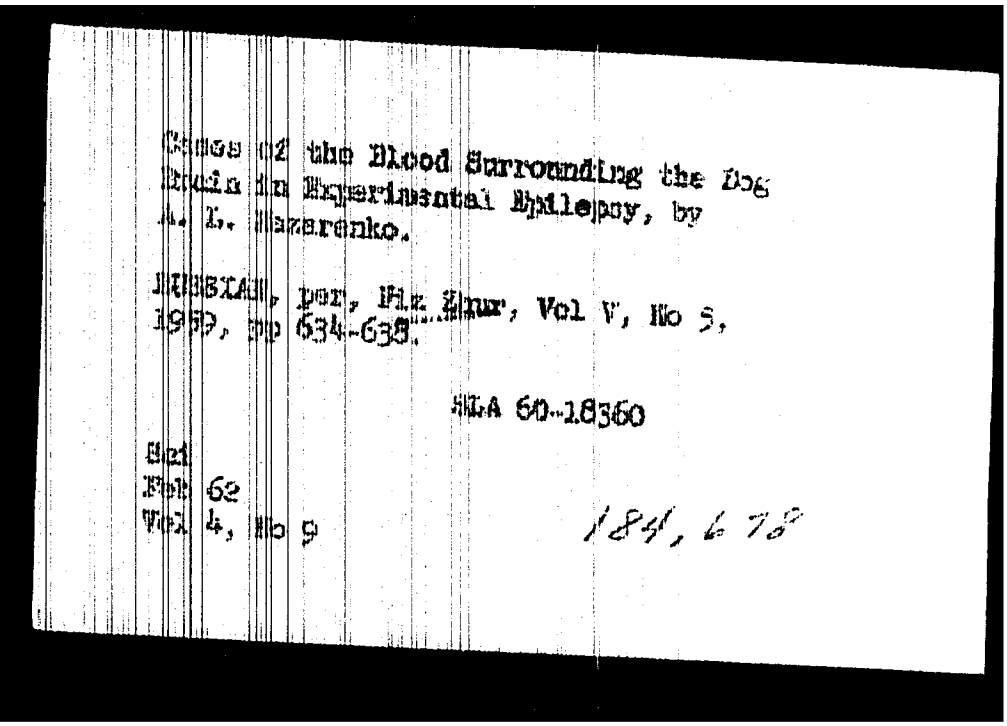

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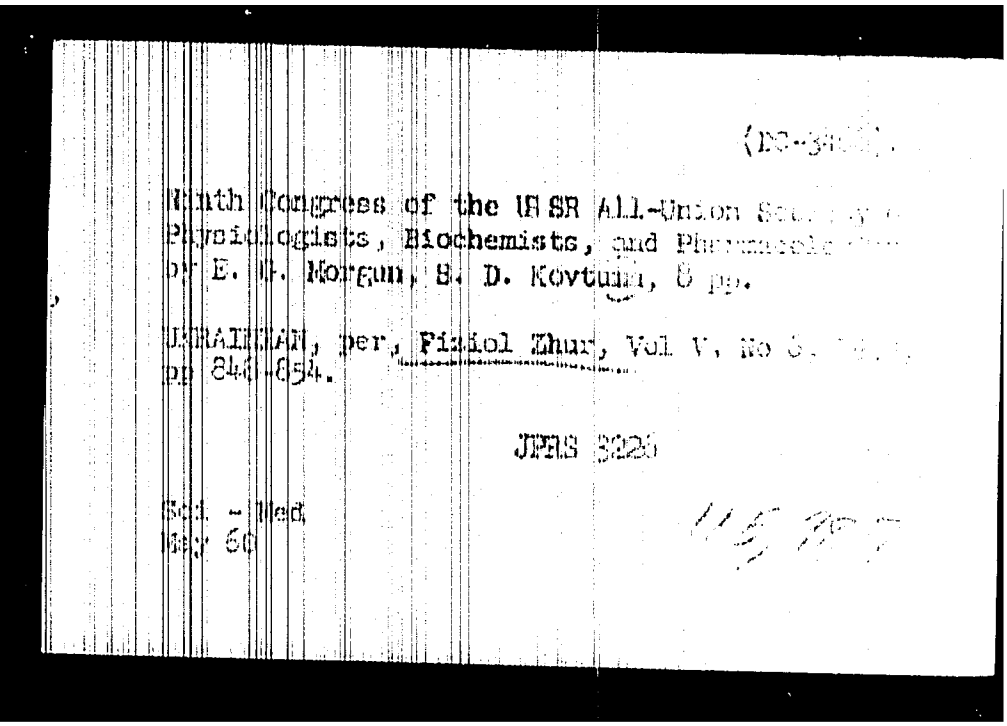

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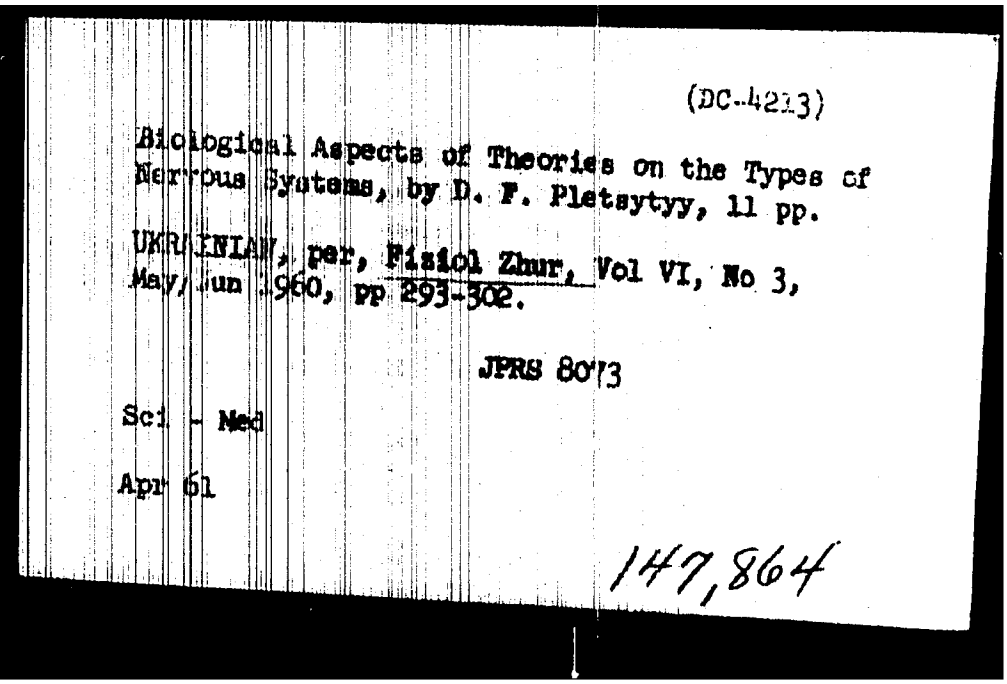

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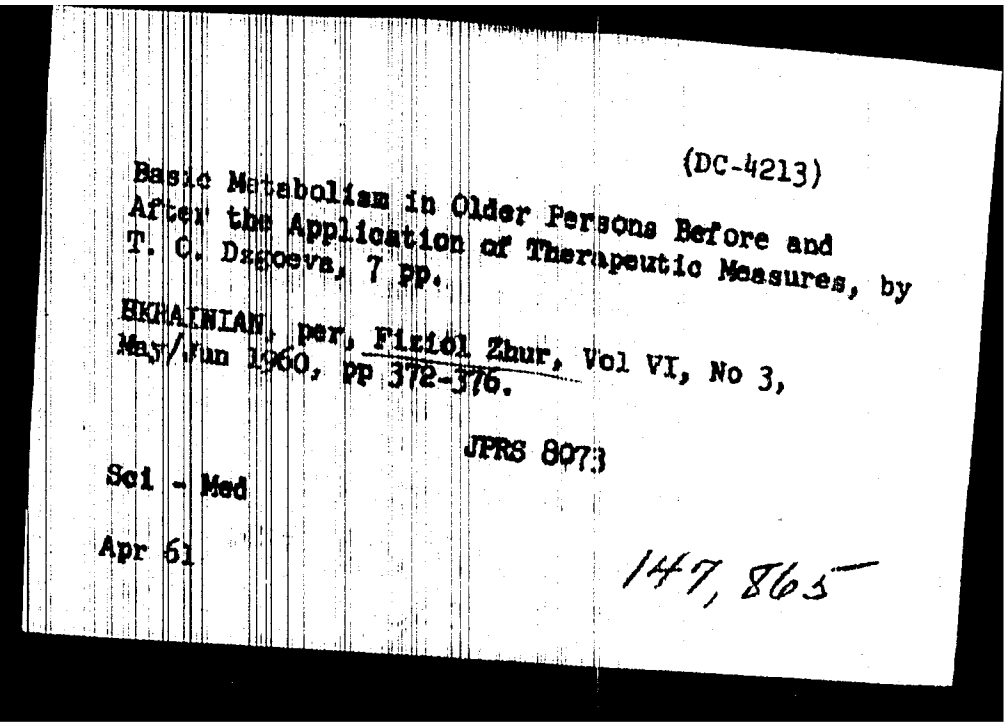

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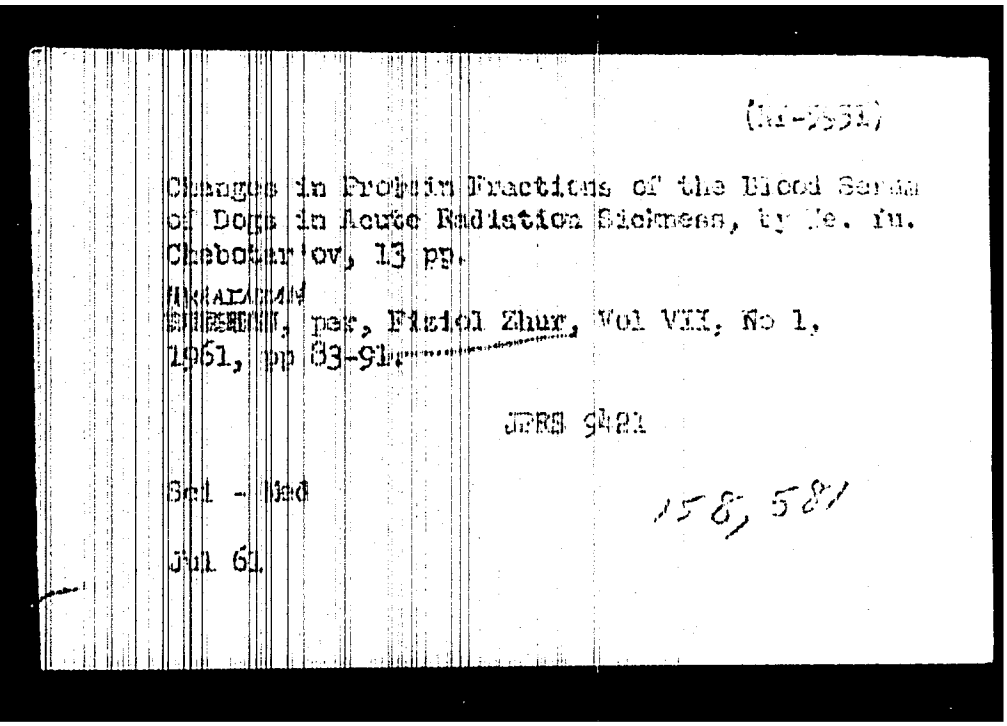

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(NY-5951)

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JPRS 9424

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(NY-6551/1)

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JPRS 9967

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(NY-6551/2)

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JPRS 9968

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(HY-6551/3)

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JPRS 9969

Sci - Med
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(NY-6551/4)

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(NY-6[illegible]51/5)
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JPRS 9971
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(MY-6551/6)

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JPRS 9972

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

S-331/61

(DY-6551)

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*JPRS

Sci - Med
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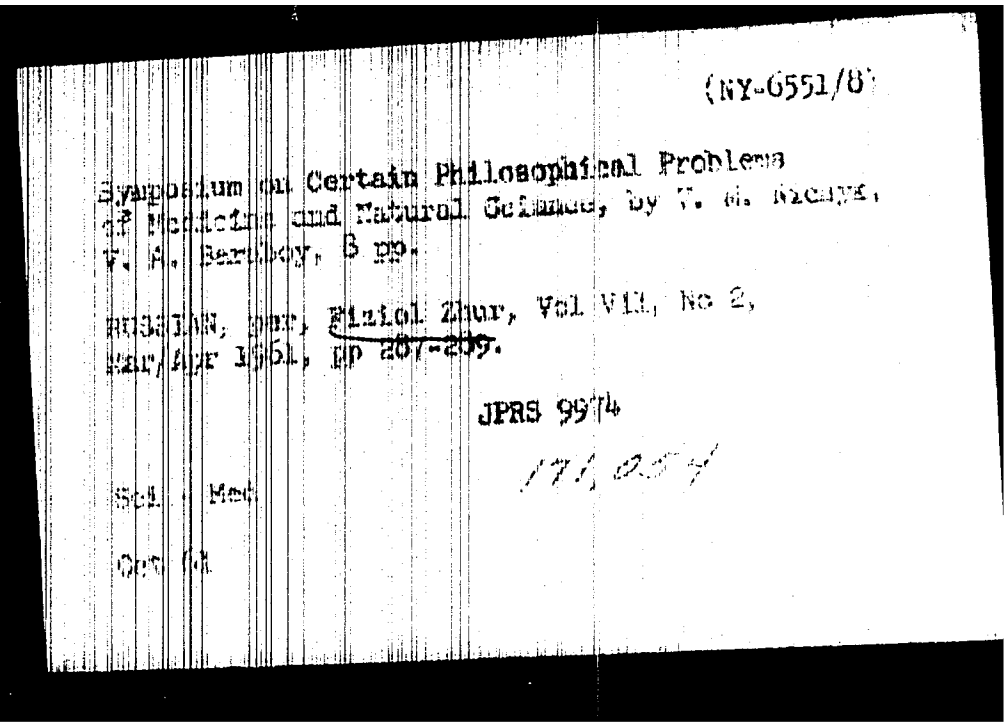

(NY-6551/8)

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Mar/Apr 1954, pp 207-209.

JPRS 9974

Sci - Med

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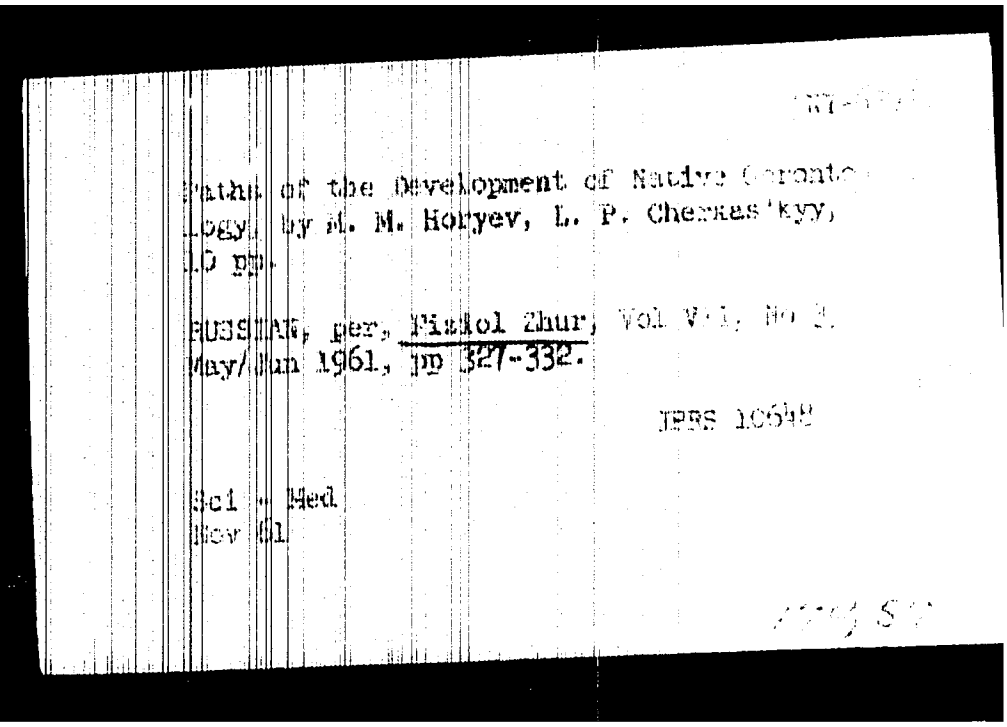

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JPRS 10648

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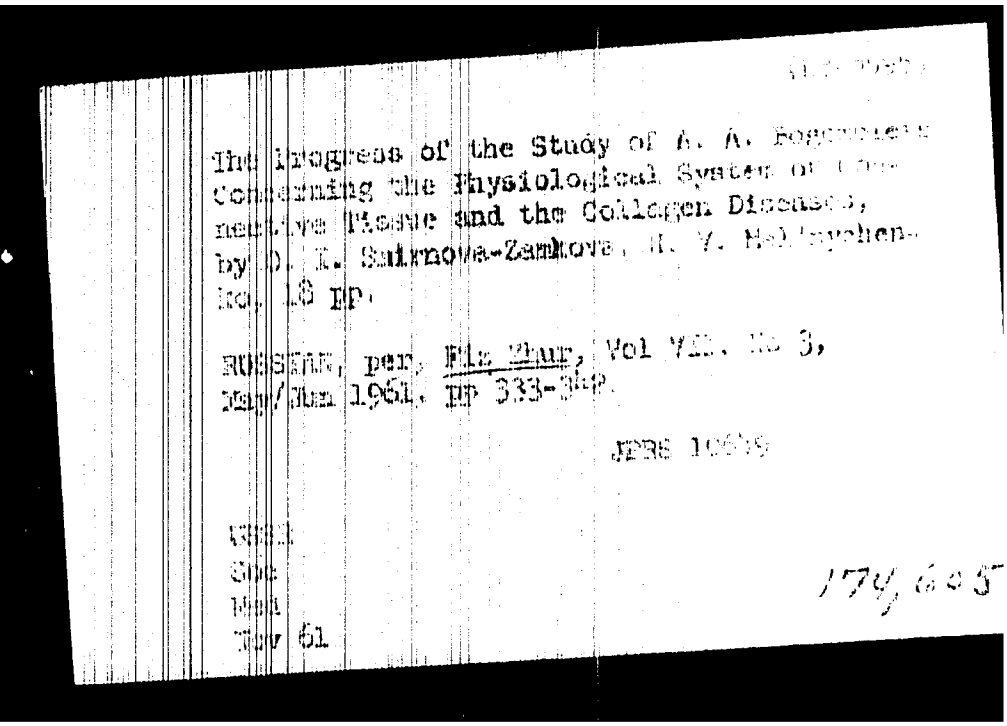

The Progress of the Study of A. A. Bogomolets
Concerning the Physiological System of Con-
nective Tissue and the Collagen Diseases,
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Kiev, 18 pp.

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JPRS 10619

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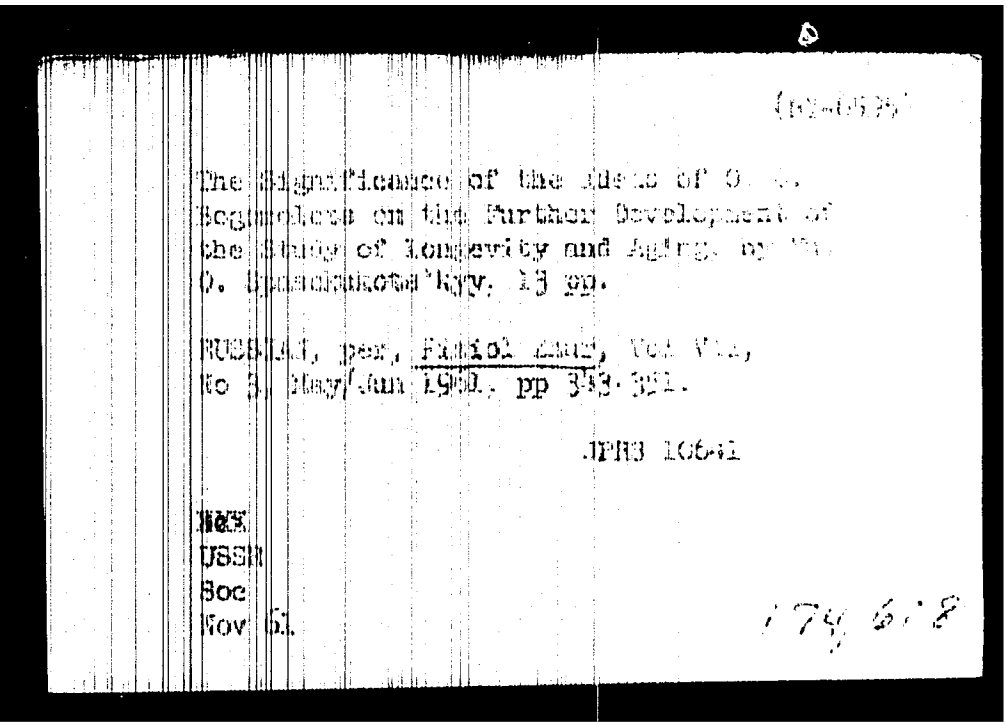

(12-6538)

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JPRS 10641

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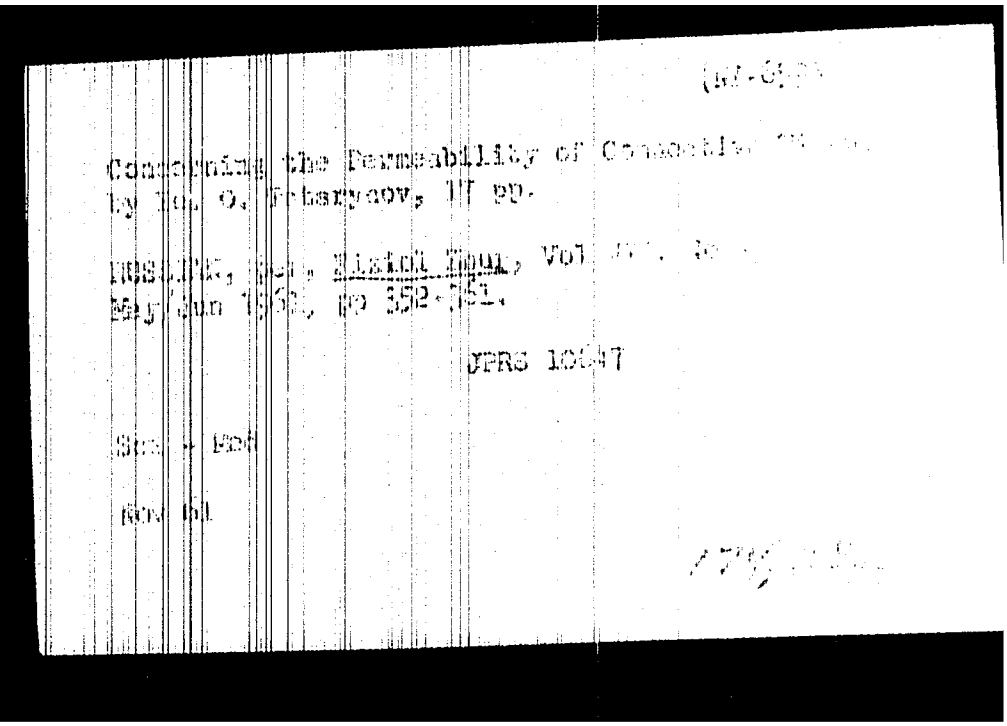

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JPRS 19647

Sov/ [illegible]

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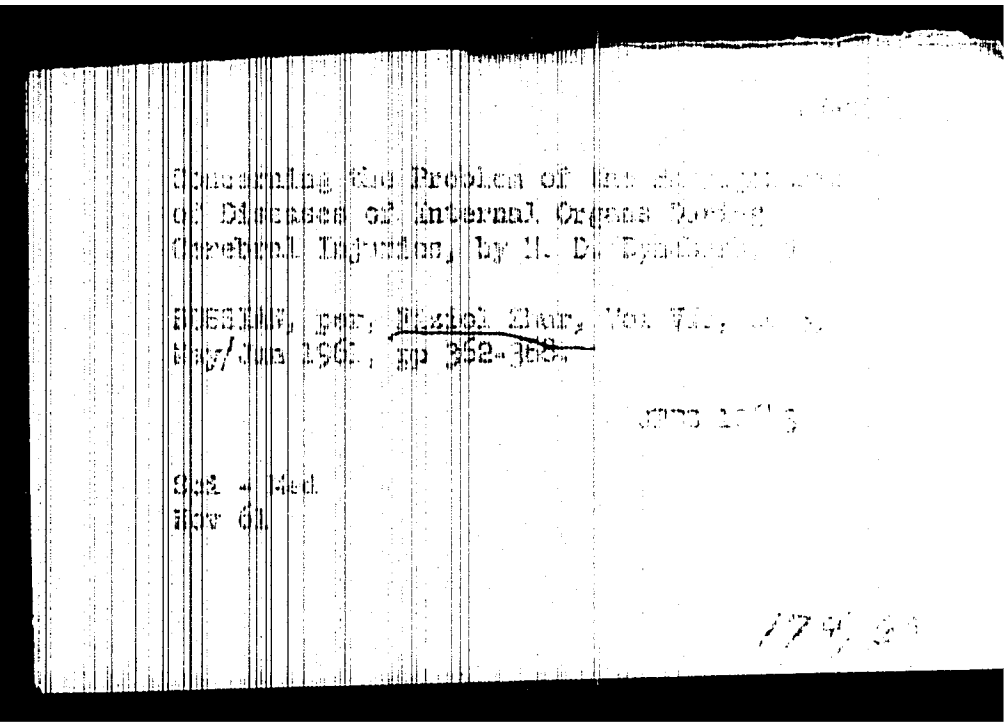

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Chemical Ingestion, by H. D. [illegible]

[illegible], per, Publ Hlth, Vol VI, [illegible]
May/Jun 1961, pp 352-365.

Qns 1 Med
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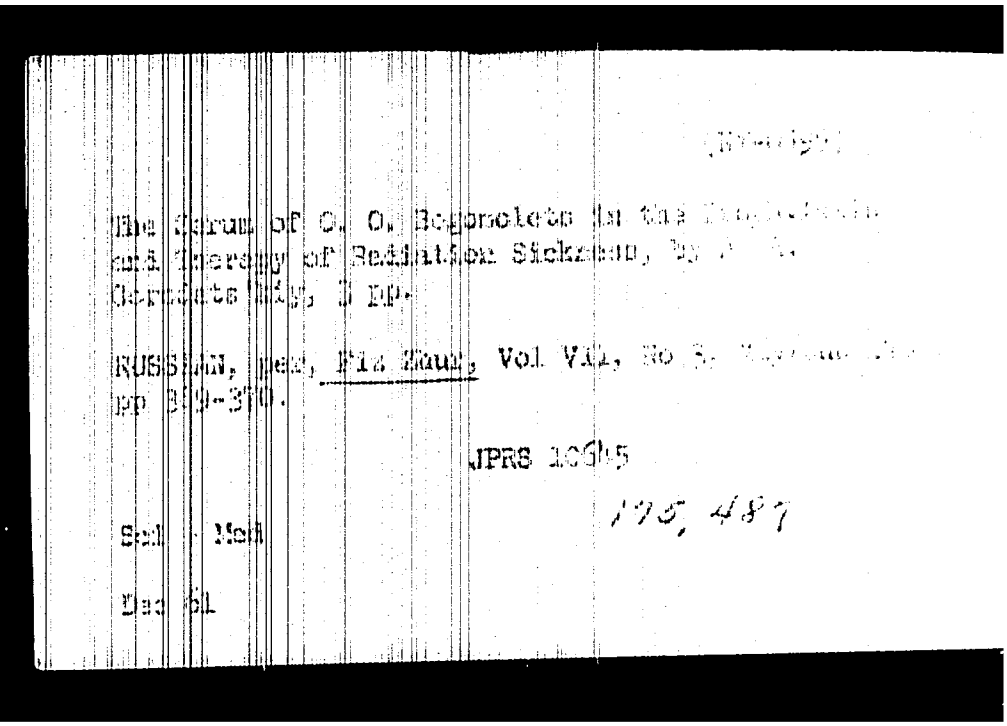

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JPRS 10915

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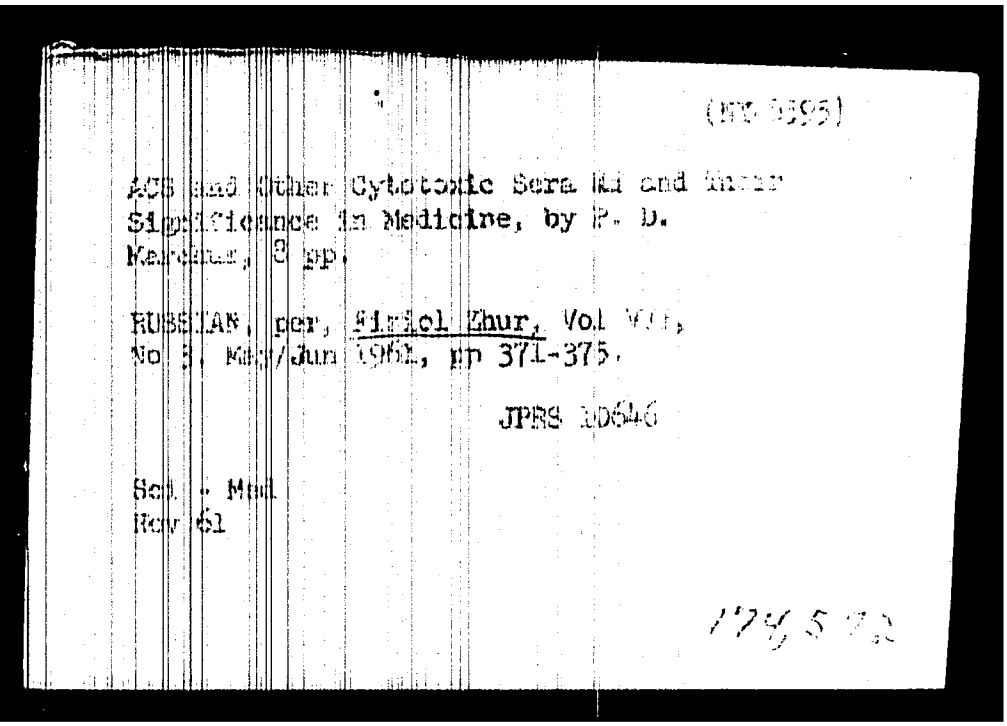

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JPRS 30646

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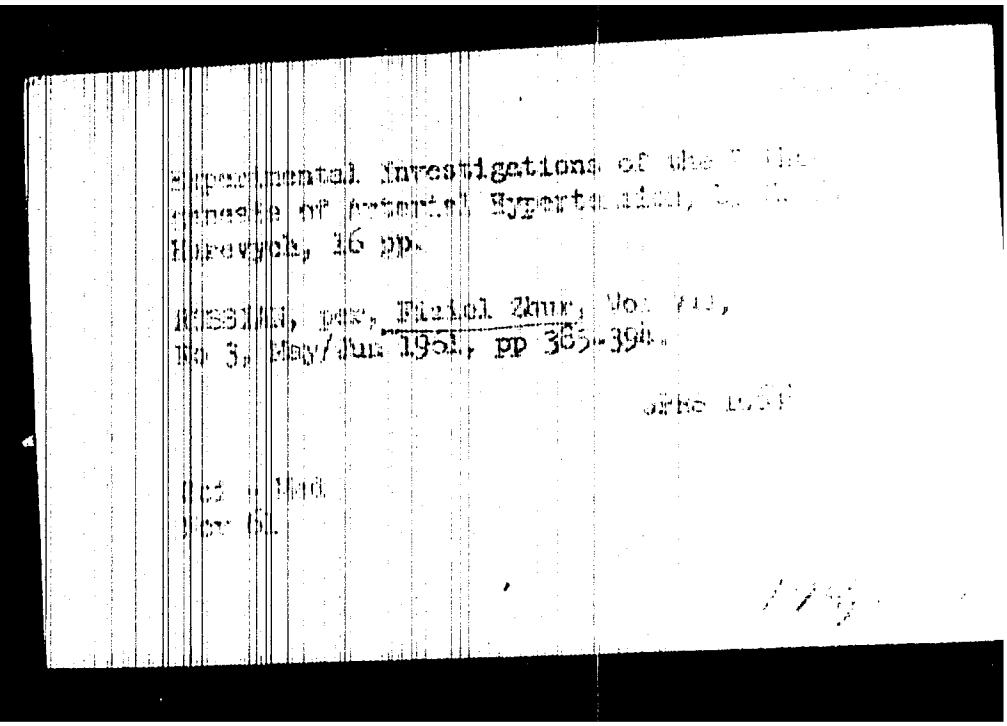

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[illegible] of Acoustic Spectrum, [illegible]
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[illegible]

[illegible]
[illegible]

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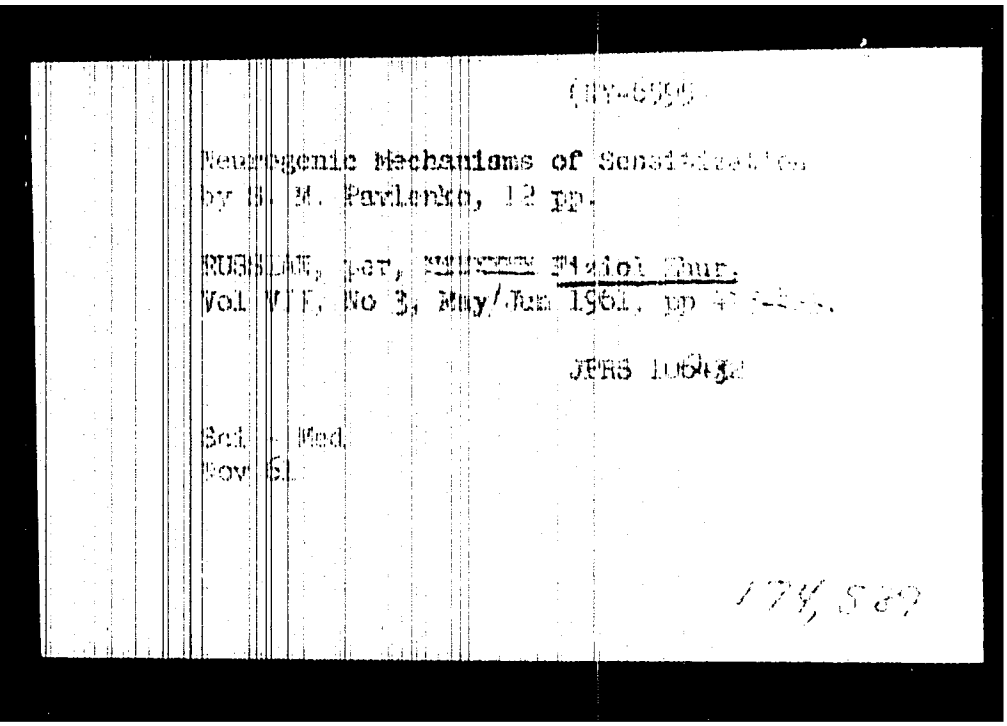

(IV-6999)

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Vol VII, No 3, May/Jun 1961, pp 4[illegible].

JPRS 10842

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JPRS 10214

Sci + Med
Oct 61

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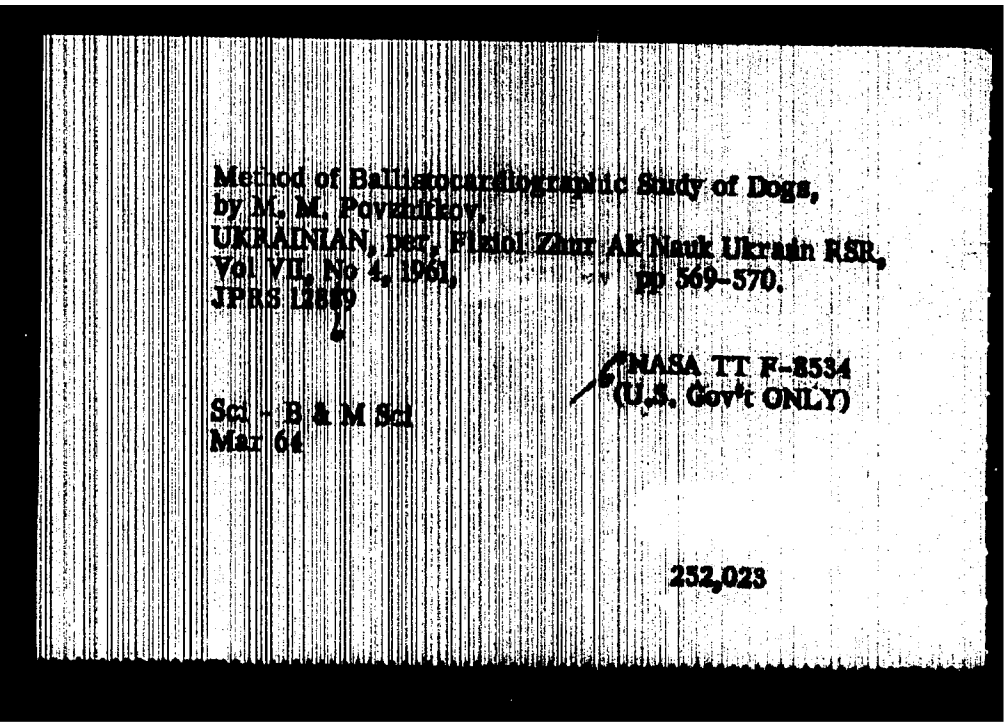

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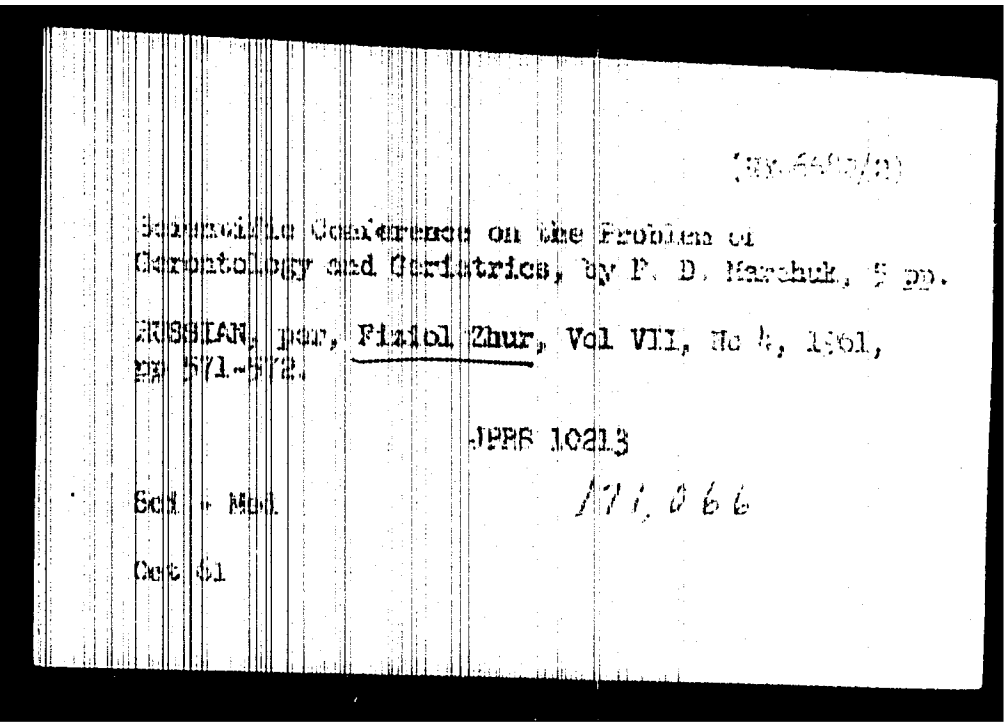

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JPRS 10213

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A11,066

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(NY-6812)

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JPRS 11906

Sci. - Med

181, 189

Jan 62

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[redacted]

(NY-6612)

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JPRS 11906

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Acd - Med

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(NY-6812)

The Effect of Mountain Climate on the Cardiovascular System, by M. V. Il'-chenych, M. A. Kondratovynch, 7 pp.

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JPRS 11906

Sci - Med

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(B-3-3?)

Dynamics of Changes in the Content and Exchangeability of Nucleic Acids After Ultrasound Irradiation, by M. Yu. Khurgin, 5 pp.

[redacted],
UKRAINIAN, per, Mikrobiol Zhur, Vol XXI, No 5, 1961, pp 667-670.

JPRS 11906

Sci - Med

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(NY-6812)

The Effect of Radiowaves of the Three-Centimeter, Waveband on the Functional Condition of the Adrenal Cortex, by S. F. Gorodets'ka, 5 pp.

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(AT-6012)

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JPRS 11906

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Sci - Med

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*NY-6932)

AN INSTRUMENT FOR THE CLINICAL STUDY OF PUPILLARY ORIENTATION AND PHOTOREACTION AND THE MOTION OF THE HUMAN EYEBALL AND EYELID, BY A. YE. LIBERMAN, 6 PP.

RUSSIAN, PER, FIZ ZHUR, VOL VII, NO 6, 1961, PP 846-848.

JPRS 12596

SCI - MED
MAR 62

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

(NY-1878)

BIOGRAPHIC INFORMATION ON DANILO SEMENOVICH VORONTSOV, BY O. F. MAKARCHENKO, S. I. FUDEL'OSIPOVA, P. H. KOSTYUK, 14 PP.

UKRAINIAN, PER, FIZIOLOGICHNYY ZHUR, VOL VIII, NO 1, 1962, PP 3-12.

JPRS 14868

USSR -- UKRAINE
BIOG.
AUG 62

208,417

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

(NY-1878)

ON THE INTERRELATIONSHIPS OF LIVING CELLS AND THE ENVIRONMENT (A REPORT TO THE SIXTH CONGRESS OF THE UKRAINIAN SOCIETY OF PHYSIOLOGISTS, ODESSA, 1961), BY D. S. VORONTSOV, O. O. BOGOMOLETS, 11 PP.

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JPRS 14868

XEXEXXE
SCI - MED

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

(NY-1878)

D. S. VORONTSOV'S PHENOMENON IN ONE NEUROMETOR UNIT, BY S. I. FUDEL'-OSIPOVA, 7 PP.

UKRAINIAN, PER, FIZIOLOGICHNYY ZHUR, VOL VIII, NO 1, 1962, PP 38-43.

JPRS 14868

SCI - MED

AUG 62

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Mamonets', T. M.
THE POTENTIAL OF THE DEGENERATING POSTERIOR CEREBROSPINAL ROOT OF THE CAT (Pro Potentsial Pererodkhivayushchego Zadn'ego Spinnomozkovogo Korintsya Kishky). [1963] [13p] 20refs
FASEB manuscript no. S 343-2
Order from OTS, S.L.A., or ETC $1.60 TT-63-24509)
figs. available on loan from OTS
Trans. of Fiziologicheskiy Zhurnal (USSR) 1962, v. 8, no. 1, p. 71-78. (Abstract available)

DESCRIPTORS: Electric potential, *Nerves, *Spinal cord, Neurons, Neuromuscular transmission, *Bioelectronics.

The electronic potential (ETP) of degenerating dorsal roots of spinal nerves was studied to clarify which part of the axon produced the ETP of the dorsal root. The sixth or seventh lumbar dorsal root in cats was cut between the spinal cord and spinal ganglion. The ETP was (Biological Sciences--Physiology, TT, v. 11, no. 6) (over)

TT-63-24509

I. Mamonets', T. M.
II. FASEB-S-343-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Magura, I. S.
ON CERTAIN PROPERTIES OF THE MUSCLE FIBER MEMBRANE WITH RESPECT TO RUBIDIUM IONS.
[1963] [13p] FASEB manuscript no. S 347-2
Order from CTS, SLA, or ETC $1.60 TT-64-13413

Trans. of Fiziologicheskiy Zhurnal (USSR) 1962, v. 8, no. 1, p. 107-111.

DESCRIPTORS: *Muscles, *Cells (Biology), *Rubidium, Body fluids, *Electrolytes (Physiology), Membranes (Biology).

(Biological Sciences--Physiology, TT, v. 11, no. 8)

TT-64-13413

I. Magura, I. S.
II. FASEB-S-347-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

(NY-1878)

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RUSSIAN, PER, FIZIOLOGICHNYY ZHUR, VOL VIII, NO 1, 1961, PP 139-142.

JPRS 14869

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Vokhevich, A. A.
ROLE OF NEUROSECRETION OF HYPOTHALAMIC NUCLEI IN REGULATION OF WATER METABOLISM. [1963] [36p] 6figs FASEB manuscript no. S 115-3. Order from OTS, SLA, or ETC $3.60 TT-64-13499
figs. available on loan from OTS
Trans. of Fiziologicheskiy Zhurnal (USSR) 1962, v. 8, no. 2, p. 147-158.

DESCRIPTORS: Secretion, *Thalamus, Nuclei (Biology), Water, Metabolism, *Body fluids, *Pituitary hormones.

(Biological Sciences--Physiology, TT, v. 11, no. 9)

TT-64-13499

I. Vokhevich, A. A.
II. FASEB-S-115-3
III. Federation of American Societies for Experimental Biology, Washington, D.C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Troshykhin, V. A.
SOME QUESTIONS ON THE DEVELOPMENT OF CONGENITAL CONDITIONED REACTIONS AND NEUROSES DURING ONTOGENESIS (Deyaki Pytannya Rozvytku Prytodzhenykh Umovnykh Reaktsii i Nevroziv v Ontogenezi). [1963] [18p] 16refs FASEB Manuscript no. S 349-2.
Order from OTS, S.L.A. or ETC $1.60 TT-63-23903

Trans. of Fiziologichnyi Zhurnal (USSR) 1962, v. 8, no. 2, p. 159-167. (Abstract available)

DESCRIPTORS: *Conditioned reflex, Reflexes, *Reaction (Psychology), *Neuroses, *Speech disorders, Infants, Analyzers (Psychology)

The development and changes of the sucking and opisthotonus reflexes of puppies during the first year of life are described. Neuroses were developed in puppies by conditioned reactions formed in association with
(Behavioral Sciences--Psychology, TT, v. 11, no. 7)
(over)

TT-63-23903

I. Troshykhin, V. A.
II. FASEB S-349-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Optimum Conditions for Recording Electroplethysmograms of Parts and Organs of the Human Body, by Yu. Ye. Moskalenko.
RUSSIAN, per, Fiziol Zhurnal, 1962, Vol 8, No 2, pp 214-218.
NLL 6015.49 1964 (203) (On Loan)

Aug 65 287,167

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

(SF-1878)

Yevgen Borysovych Babs'kyy, 4 pp.

UKRAINIAN, per, Fiziologichniy Zhurnal,
Vol VIII, No 2, pp 275-277.

JPRS 14831

USSR - Ukraine
Biog
Aug 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Komisarenko, V. P.
SOME PHYSIOLOGIC INTERRELATIONSHIPS BETWEEN THE ADRENAL CORTEX AND THE NERVOUS SYSTEM. [1963] [24p] 5refs FASEB Manuscript no.: S 116-3.
Order from OTS, SLA, or ETC $2.60 TT-63-24459

Trans. of Fiziologichnyi Zhurnal (USSR) [1962] v. 8, no. 3, p. 283-291.

DESCRIPTORS: *Adrenal cortex, *Nervous system, *Corticosteroid agents, Stimulation, Hormones,

(Biological Sciences--Physiology, TT, v. 11, no. 5)

TT-63-24459

I. Komisarenko, V. P.
II. FASEB-S-116-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

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Agarkov, G. B.
SOURCES OF INNERVATION OF THE ADRENAL GLANDS AND THEIR VESSELS. [1963] [15p] 10refs
FASEB manuscript no. S 351-2.
Order from OTS, SLA, or ETC $1.60 TT-64-13410

Trans. of Fiziologicheskiy Zhurnal (USSR) 1962, v. 8, no. 5, p. 375-381.

DESCRIPTORS: *Adrenal glands, Nerves, Blood vessels

(Biological Sciences--Anatomy, TT, v. 11, no. 9)

TT-64-13410

I. Agarkov, G. B.
II. FASEB-S-351-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Investigating Local Thermal Effect of Electromagnetic 3 cm Waves on Animals, by V. I. Mirutenko, 11 pp.
UKRAINIAN,
[redacted], per Fiziologichniy Zhurnal, Vol VIII, No 3, Jun 1962, pp 382-389.
9667-61

FTD-TT-62-1361

Sci - Biol, Med.
Jan 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Morphological Changes in Internal Organs When the Organism is Exposed to the Effect of Centimeter Waves, by B. F. Gorodetska, 6 pp.

UKRAINIAN, per, Fiziologichnyy Zhurnal, Vol VIII, No 3, Jun 1962, pp 390-396. 9667361

FTD-TT-62-1361

Biol - Biol, Med
Jan 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Dumenko, V. M.
ELECTROGRAPHIC EXPRESSION OF CERTAIN FORMS OF INTERNAL INHIBITION. [1963] [16p] (figs omitted) 17refs FASEB Manuscript no. S 353-2. Order from OTS, SLA, or ETC $1.60 TT-63-23902 figs. available on loan from OTS

Trans. of Fiziologicheskiy Zhurnal (USSR) 1962, v. 8, no. 4, p. 471-480. (Abstract available)

DESCRIPTORS: *Electroencephalography, *Cerebral cortex, Inhibition, Bioelectronics, *Conditioned reflex, Brain.

Characteristic of the EEG manifestations of differentiational inhibition are: (a) continuation of electrical reaction after stimulation ceased; (b) increased latency of electrical reactions; (c) progressively decreasing reactivity until changes in electrical activity are no longer observed; (d) absense of slow waves. Charac-
(Biological Sciences--Physiology, TT, v. 11, no. 5)
(over)

TT-63-23902

I. Dumenko, V. M.
II. FASEB S-353-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Cherkes, V. O. and Martynenko, N. A.
CHANGES IN BIOPOTENTIALS OF THE CORTEX FOLLOWING HIGH-FREQUENCY RHYTHMIC STIMULATION OF THE CAUDATE NUCLEUS. [1963] [15p] (figs omitted) (Trans FASEB Manuscript no. S354-2. Order from OTS, SLA, or ETC $1.00 TT-63-23901 figs. available on loan from OTS

Trans. of Fiziologicheskii Zhurnal (USSR) 1962, v. 8, no. 4, p. 481-487. (Abstract available)

DESCRIPTORS: *Bioelectricity, *Cerebral cortex, Stimulation, *High frequency, Nuclei (Biology), Brain.

It was shown in experiments with cats that following bilateral electrolytic destruction of the ventrolateral thalamic nuclei, or of the globus pallidus, stimulation of the caudate nucleus continues to cause "desynchronization" in the motor zone of the cortex, just as it does before destruction. These observations seem to (Biological Abstracts--Physiology, TT, v. 11, no. 6) (over)

TT-63-23901

I. Title: Caudate nucleus
I. Cherkes, V. O.
II. Martynenko, N. A.
III. FASEB S-354-2
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Minku [Ya].
PATHOHISTOLOGICAL AND HISTOCHEMICAL STUDY OF HEPATITIS. [1963] [19p] FASEB manuscript no. S 355-2.
Order from OTS, SLA, or ETC $1.60 TT-64-13408
figs available on loan from OTS
Trans. of Fiziologicheskiy Zhurnal (USSR) 1962, v. 8, no. 4, p. 532-542.

(Biological Sciences--Pathology, TT, v. 11, no. 11)

TT-64-13408

I. Minku, Ya.
II. FASEB-S-355-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Kostyuk, P. G. and Savoskina, L. D.
FUNCTIONAL CHANGES IN DEGENERATING SYNAPTIC ENDINGS. Nov/Dec 63, 5p 2lrefs
Order from ASEB $2.00 in Federation Proceedings Translation Supplement, v. 22, no. 6, pt. II, p. T1107-T1111

Trans. of Fiziologicheskiy Zhurnal (USSR) 1962, v. 8, no. 5, p. 581.

DESCRIPTORS: *Nerve cells, *Neuromuscular transmission, *Spinal cord, Motor reactions, *Atrophy, Bioelectronics.

(Biological Sciences - Physiology, 3rd, pt. II, pp. 1107)

TT-63-17973-f
(p. T1107-T1111)

I. Kostyuk, P. G.
II. Savoskina, L. D.
III. Federation of American Societies for Experimental Biology, Washington, D. C

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Os'mak, A. A.
BEHAVIOR OF ALBINO RATS FOLLOWING DESTRUCTION OF THE BASAL GANGLIA. [1963] [13p]
Refs. FASEB Manuscript no. : S 433-2
Order from OTS, SLA, or ETC $1.60 TT-63-24523
figs. available on loan from OTS
Trans. of Fiziologicheskiy Zhurnal (USSR) 1962, v. 8, no. 5, p. 616-621. (Abstract available)

DESCRIPTORS: Behavior, *Ganglia, *Cerebrium, *Thalamus.

After unilateral destruction of the caudate nucleus, slight behavioral changes of short duration (4-7 days) are observed in rats: weakening of the orienting reflex and sometimes circular movements towards the side of the destruction, with head turned to same side. The changes are marked, persistent (lasting a month or more) and diverse changes are observed after bilateral destruction of the caudate nuclei. Torpor and weakened
(Biological Sciences--Physiology, TT, v. 11, no. 6)
(over)

TT-63-24523

I. Title: Caudate nuclei
I. Os'mak, A. A.
II. FASEB-S-433-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Valueva, T. K.
CHANGES IN SERUM PROTEINS UNDER THE INFLUENCE OF ACTH IN CCl_4 POISONING OF THE LIVER. [1963] [16p] 12refs FASEB Manuscript no.: S 434-2.
Order from OTS, SLA, or ETC $1.60 TT-63-24525

Trans. of Fiziologicheskiy Zhurnal (USSR) 1962, v. 8, no. 5, p. 622-629. (Abstract available)

DESCRIPTORS: *Blood proteins, *Adrenocorticotropic hormone, Liver cirrhosis, *Poisoning, Liver, *Carbon tetrachloride, Globulins, Gamma globulin.

The serum protein changes after ACTH injections in rabbits with CCl_4 induced liver damage were studied. Blood samples were taken before and four hours after ACTH injection, both in the control and the CCl_4 poisoned animals. Following the ACTH injections, the

(Biological Sciences--Physiology, TT, v. 11, no. 6)
(over)

TT-63-24525

I. Valueva, T. K.
II. FASEB-S-434-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D.C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Levchenko, M. N.
THE FUNCTIONAL INTERACTION OF THE THYROID GLAND AND THE ADRENALS IN THE REGULATION OF BLOOD PROTEINS. [1963] [15p] FASEB Manuscript no.: S 435-2.
Order from OTS, S.L.A., or ETC $1.60 TT-63-24526

Trans. of Fiziologicheskiy Zhurnal (USSR) 1962, v. 8, no. 5, p. 630-637. (Abstract available)

DESCRIPTORS: *Thyroid gland, Endocrine glands, *Adrenal glands, *Blood proteins, Adrenocorticotropic hormone, Albumins, Globulins, Thyroid hormones,

Single injection of ACTH to normal rabbits causes an increase in the total blood serum protein content as a result of an increase in the finely dispersed albumins. There is also a decrease in the serum globulins, which leads, in turn, to an increase in the A/G ratio. The
(Biological Sciences--Physiology, TT, v. 11, no. 5)
(over)

TT-63-24526

I. Levchenko, M. N.
II. FASEB-S-435-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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Starushenko, L. I.
INTRA-ARTERIAL INJECTION OF A SOLUTION OF SODIUM LACTATE AND AMINOKROVIN (LACTAMIN) INTO ANIMALS AFTER MASSIVE LOSS OF BLOOD (Vnutryarterial'ne Nagnitannya Rozchynu Laktatu Natriyu z Aminokrovynom (Lactaminu) Tvarynam Pislya Masyvnoyi Krovovtraty). [1963] [15p] 36refs
FASEB Manuscript no.: S 458-2.
Order from OTS, SLA, or ETC $1.60 TT-63-24532

Trans. of Fiziologichnyi Zhurnal (USSR) 1962, v. 8, no. 5, p. 638-643. (Abstract available)

DESCRIPTORS: Injections (Medical), Arteries, *Hemorrhage, *Plasma substitutes, *Lactates, *Alanines, *Protein hydrolysates, Blood transfusions,

A study was made of hemodynamics in dogs after intra-arterial injection of a solution of sodium lactate, mixed
(Biological Sciences--Pathology, TT, v. 11, no. 6)(over)

TT-63-24532

1. Title: Lactamin
I. Starushenko, L. I.
II. FASEB-S-458-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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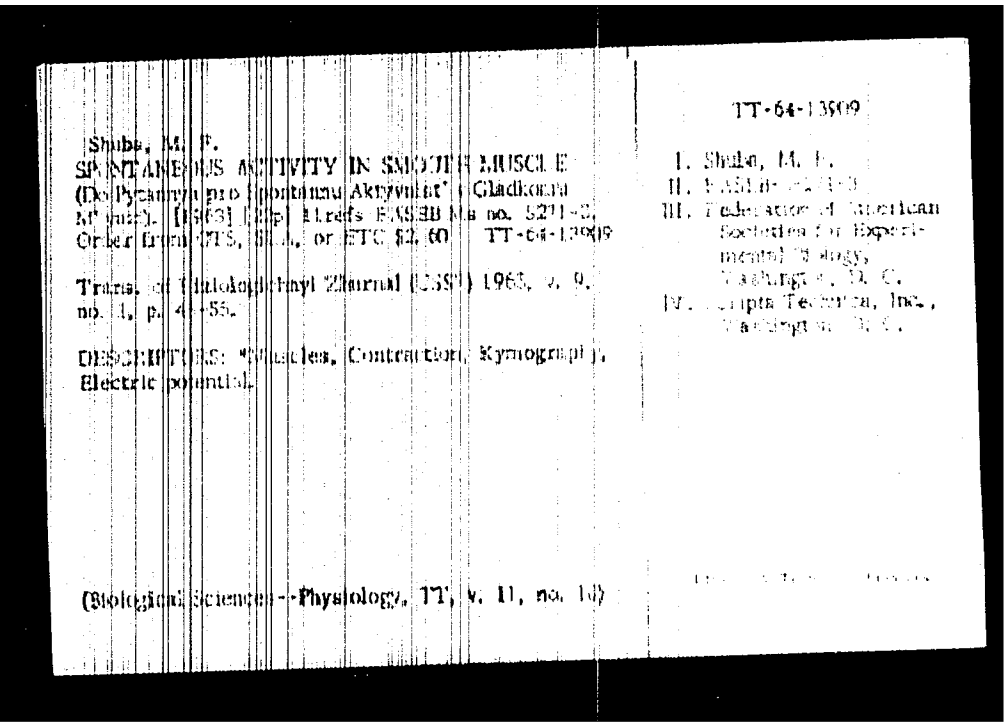

Shuba, M. F.
SPONTANEOUS ACTIVITY IN SMOOTH MUSCLE
(Do Pyatnyy pro [pontinnaya Aktyvnist' Gladkoma
M'yaza). [1963] [2?p] Refs BASSEB Ma no. 5271-2,
Order from OTS, U.S., or ETC $2.60 TT-64-13909

Trans. of Fiziologicheskiy Zhurnal (USSR) 1963, v. 9,
no. 11, p. 4?-55.

DESCRIPTORS: *Muscles, Contraction, Kymography,
Electric potential.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-13909

I. Shuba, M. F.
II. BASSEB Ma no. 5271-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

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CHANGES IN THE MORPHOLOGICAL COMPOSITION OF THE BLOOD IN UNDERWATER SUBMERSION OF ATHLETES, BY M. F. SIROTINA, 8 PP.

UKRAINIAN, PER, FIZIOLOGICHNYY ZHURNAL, NO 1, 1963, PP 77-78.

JPRS 18855

SCI - BIOL & MED
MAY 63

228,791

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

RESTORATION OF CIRCULATION AND RESPIRATION IN DOGS REVIVED AFTER LONG TERMS OF CLINICAL DEATH DUE TO ELECTRIC TRAUMA, BY M. P. ADAMENKO, 10 PP.

UKRAINIAN, PER, FIZIOLOGICHNYY ZHURNAL, NO 1, 1963, PP 82-88.

JPRS 18355

SCI - BIOL & MED
MAY 63

228,792

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Berezovs'kyi, V. Ya.
TEMPORARY LOCAL TEMPERATURE FLUCTUATIONS IN THE CEREBRAL CORTEX OF THE DOG AND THEIR DEPENDENCE ON REGIONAL BLOOD CIRCULATION (Korotkochasni Mistsevi Kolyvannya Temperatury Kory Holovnoho Mozku Sobaky i Yich Zalezhnist' vid Regionarnoho Krovoobihu). [1963] [17p] 31refs FASEB manuscript no. S 272-3.
Order from CTS, SLA, or ETC $1.60 TT-64-13531

Trans. of Fiziologichnyi Zhurnal (USSR) 1963, v. 9, no. 1, p. 90-95.

DESCRIPTORS: *Body temperature, *Cerebral cortex, Blood circulation, Brain, Stimulation

(Biological Sciences--Physiology, TT, v. 11, no. 8)

TT-64-13531

I. Berezovs'kyi, V. Ya.
II. FASEB-S-272-3
III. Federation of American Societies for Experimental Biology, Washington, D.C.
IV Scripta Technica, Inc., Washington, D. C.

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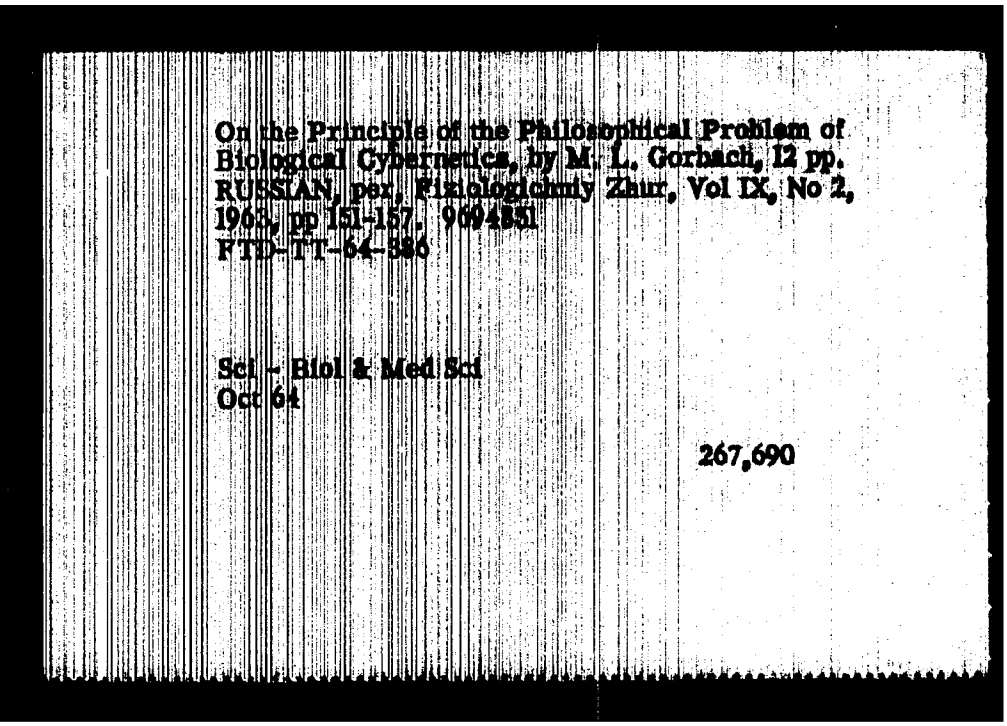
On the Principle of the Philosophical Problem of
Biological Cybernetics, by M. L. Gorbach, 12 pp.
RUSSIAN, per. Fiziologicheskiy Zhurn, Vol IX, No 2,
1963, pp 151-157. 9004851
FTD-TT-64-586
Sci - Biol & Med Sci
Oct 64
267,690

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Svystun, T. I.
THE SECRETION OF THE GASTRIC GLANDS IN RESPONSE TO A MIXED DIET DURING MUSCULAR ACTIVITY OF VARYING INTENSITY (Sekretsiya Shlunkovykh Zaloz pri Smeshanu Yizhu pid Chas M'yazovoyi Diyal'nosti Riznoyi Intensyvnosti). [1963] [13p] Transl from FASEB Ms no. S547-3.
Order from OTS, SLA, or ETC $1.60 TT-64-13905

Trans. of Fiziolohichnyi Zhurnal (USSR) 1963, v. 9, no. 2, p. 215-220.

DESCRIPTORS: Secretion, *Stomach, *Glands, Diet, *Exercise.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-13905

I. Svystun, T. I.
II. FASEB-S-547-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Floater Recording Device for Physiological Investigations,
by V. G. Nazaki,
RUSSIAN, per. Fiziol Zhur, Vol IX, No 2, 1963, p 273-274.
FTD-TT-64-356

Sci - Biol & Med
Apr 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

On Recording Nystagmus by Means of a Transducer and Oscillograph, by V. T. Khlebas, N. P. Kozlukhar. RUSSIAN, per. Fiziol Zhur, Vol IX, No 2, 1963, pp 274-7. 376.96485)
FTD-TT-64-386

Sci - Biol & Med
Apr 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Regional Hemodynamics Indicators at Vestibular Loads,
by E. O. Nakhapetov, 9 pp.
RUSSIAN, per. Biz Zhur, Vol IX, No 3, 1963,
pp 325-329. 9691990
FTD-TT-64-32

Sci- Phys
Mar 64

253,056

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690058-6

Pirogov, V. O.
MEASUREMENT OF THE TEMPERATURE OF THE CORTICAL AND MEDULLARY LAYERS OF THE KIDNEY DURING ITS FUNCTIONAL ACTIVITY (Vimiryuvannya Temperatur Korkovoho i Mozkovoho Shariv Nirki v Protsesi yiyi Diyal'nosti). [1964] [16p] 12refs PASEB Ms tr. S661-3.
Order from OTS, SLA, or ETC $1.60 TT-64-15445

Trans. of Fiziologicheskiy Zhurnal (USSR) 1963, v. 9, no. 3, p. 357-362.

(Biological Sciences--Physiology, TT, v. 12, no. 3)

TT-64-15445

I. Pirogov, V. O.
II. PASEB-S-661-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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